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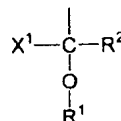
(71)Applicant: INTERNATIONAL BUSINESS
MACHINES CORPORATION
JSR CORPORATION
(72)Inventor: ITO HIROSHI
KAJITA TORU
NISHIMURA YUKIO
SHIMOKAWA TSUTOMU
YAMAHARA NOBORU
YAMAMOTO MASAFUMI

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(54) RADIATION SENSITIVE RESIN COMPOSITION

(57) Abstract:

PURPOSE: Provided is a radiation sensitive resin composition which exhibits high transmittance of radiation, high sensitivity, resolution, and pattern shape, and which can produce semiconductors at a high yield without deteriorating a resolution. CONSTITUTION: The radiation sensitive resin composition comprises an acid-labile group containing resin and a photoacid generator. The resin has a structure of the formula 1. In the formula 1, R1 represents a hydrogen atom, a monovalent acid-labile group, an alkyl group having 1-6 carbon atoms which does not have an acid-labile group, or an alkylcarbonyl group having 2-7 carbon atoms which does not have an acid-labile group, X1 represents a linear or branched fluorinated alkyl group having 1-4 carbon atoms, and R2 represents a hydrogen atom, a linear or branched alkyl group having 1-10 carbon atoms, or a linear or branched fluorinated alkyl group having 1-10 carbon atoms.



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